

# INFORMATION SHEET

## WOODWORKING SHOP

- A Certificate of Occupancy is required from the Department of Building and Safety. **IBC 110**
- A permit shall be obtained from the Department of Building and Safety for any altering, repairing or installation of walls, electrical equipment, etc. **IBC 105**
- A permit is required from the Fire Prevention Division to conduct dust-producing operations or to store lumber exceeding 100,000 board feet. **NFPA 1: 1.12 {CLV Ordinance #5667}**
- Smoking shall be prohibited except in specified safe locations approved by the AHJ. Signs that read **NO SMOKING** shall be posted in those areas where smoking is prohibited. **NFPA 1- 31.3.2.2.2**
- Dust control shall be in accordance with NFPA 664 for combustible dust-producing operations that occupy areas of more than 2500 square feet or to areas where dust-producing equipment requires an aggregate dust collection flow rate of more than 1000 ft<sup>3</sup>/min. **NFPA 1: 31.3.9.1 {CLV Ordinance #5667}**
- The chief is authorized to require dust control for any operation if a significant hazard exists. **NFPA 1: 31.3.9.2 [CLV Ordinance #5667]**
- Proper housekeeping shall be maintained in all areas. Surfaces shall be cleaned in a manner that minimizes the generation of dust clouds. If compressed air is used it must be maintained below 103 kPa (15 psi). **NFPA 664-11.2.1**
- Interior surfaces and ledges not readily accessible for cleaning should be inclined at an angle of not less than 45 degrees from the horizontal to minimize dust accumulation. Spaces inaccessible to housekeeping shall be sealed to prevent dust accumulation. **NFPA 664-6.4.1/11.1.7**
- All wiring and equipment subject to dust shall be explosion-proof type approved for use in such hazardous locations. Such area shall be considered a CLASS III DIVISION I hazardous location in accordance with the National Electric Code. **NFPA 664.7.3.2**
- Not less than two means of egress shall be provided from every story or section, and not less than one exit shall be reached without traversing another story. The exits shall be located at a distance from one another not less than one-half the length of the maximum overall diagonal dimension of the building or area to be served, measured in a straight line between the nearest edge of the exit doors or exit access doors. **NFPA 101-40.2.4.1/7.5.1.3.2**
- Exit doors shall swing in the direction of egress travel. **IBC 1008.1.2** See NFPA 101-7.2.1 for alternative door and latch devices
- Static electricity shall be removed from machinery and other component parts by permanent grounds or bonds or both. The design and installation of such shall be in accordance with approved standards. **NFPA 664-7.9**
- Salamanders, braziers, open fires, and similar dangerous heating arrangements shall be prohibited. **NFPA 1-31.3.2.2.9**

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- Ventilation shall meet the requirements of the Mechanical Code.
- Provide a minimum of one 4A rated extinguisher per 4000 Sq. ft. Travel distance to the nearest extinguisher shall not exceed 75 feet. They are to be serviced and tagged by a licensed agent after each use or annually. Extinguishers are to be mounted with the top not higher than five (5) feet from the floor and it is recommended that they be placed near exit paths for easy access. **NFPA 664: 9.1.6**

***The items listed are basic information only. Codes are subject to change. Additional requirements may apply.***

**LAS VEGAS FIRE & RESCUE**

**Fire Prevention Division**

**(702) 229-0366**

**[www.lasvegasfire.org](http://www.lasvegasfire.org)**